

ENTERED



OIPE

RAW SEQUENCE LISTING

1 <110> APPLICANT: Duvick, Johnathan P.

DATE: 08/05/2003 S/09/771,045B TIME: 10:46:23

PATENT APPLICATION: US/09/771,045B

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              Gilliam, Jacob T.
      3
              Maddox, Joyce R.
              Rao, Aragula Gururaj
      4
      5
              Crasta, Oswald R.
              Folkerts, Otto
      7 <120> TITLE OF INVENTION: Amino Polyol Aamine Oxidase Polynucleotides and Related
Polypeptides and
              Methods of Use
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      9 <130> FILE REFERENCE: 1134R
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/771,045B
     11 <141> CURRENT FILING DATE: 2003-05-16
     12 <150> PRIOR APPLICATION NUMBER: US 60/092,936
     13 <151> PRIOR FILING DATE: 1998-07-25
     14 <150> PRIOR APPLICATION NUMBER: US 60/135,391
     15 <151> PRIOR FILING DATE: 1999-05-21
     16 <150> PRIOR APPLICATION NUMBER: US 09/352,159
     17 <151> PRIOR FILING DATE: 1999-07-12
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     19 <151> PRIOR FILING DATE: 1999-07-12
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,045B

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DATE: 08/05/2003 TIME: 10:46:23

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105

97

100

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/771,045B

DATE: 08/05/2003
TIME: 10:46:23

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102	Ğlu	Ğlu	His	Ser	Leu	Gln	Asp	Leu	Lys	Ala	Ser	Pro	Gln	Ala	Lys	Arg	
103		130					135					140					
104	ctc	gac	agt	ata	agc	ttc	gcg	cac	tac	tgt	gag	aag	gaa	cta	aac	ttg	480
105	Leu	Asp	Ser	Val	Ser	Phe	Ala	His	Tyr	Cys	Glu	Lys	Glu	Leu	Asn	Leu	
106	145					150			_		155					160	
107	cct	gct	att	ctc	aac	gta	qca	aac	cag	atc	aca	cgc	gct	ctg	ctc	ggt	528
108	Pro	Āla	Val	Leu	ĞÎy	Йаl	Ála	Asn	Gln	Ile	Thr	Arg	Ala	Leu	Leu	Gly	
109					165					170					175		
110	ata	gaa	qcc	cac	gag	atc	agc	atg	ctt	ttt	ctc	acc	gac	tac	atc	aag	576
111	Val	Ğlu	Ála	His	Ğlu	Ile	Ser	Met	Leu	Phe	Leu	Thr	Asp	Tyr	Ile	Lys	
112				180					185					190			
113	agt	gcc	acc	aat	ctc	agt	aat	att	ttc	tcg	gac	aag	aaa	gac	ggc	ggg	624
114	Ser	Ala	Thr	Ğĺv	Leu	Ser	Asn	Ile	Phe	Ser	Asp	Lys	Lys	Asp	Gly	Gly	
115			195	-				200					205				
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117	Gln	Tyr	Met	Ara	Cvs	Lys	Thr	Ğly	Met	Gln	Ser	Ile	Cys	His	Ala	Met	
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123	Glu	Ile	Glu	Gln	Ser	Ála	Ser	Gly	Cys	Thr	Val	Arg	Ser	Ala	Ser	Gly	•
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126	Āla	Val	Phe	Arg	Ser	Lys	Lys	Val	Val	Val	Ser	Leu	Pro	Thr	Thr	Leu	
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RAW SEQUENCE LISTING DATE: 08/05/2003 PATENT APPLICATION: US/09/771,045B TIME: 10:46:23

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149		aac															1200
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173	OIU	1111	nia	20	шуз	vai	OIII	пта	25	ОТУ	пси	DCI	Cys	30	Val	пси	
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180		Glu	T OIL	Cln	7 ~~		Thr	C1++	Λαρ	Sor		шіс	Cln	ЛΙэ	Cln		
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	GTA	IIIL	1111	100	1111	нта	PIO	туг	105	Asp	ser	пеп	ьеи	110	GIU	Giu	
183	W-1	ח ד ה	C		т	7.7	C1	T 0		Dwa	1701	(T) 2020	Com		T 0.11	T1.	
184	vaı	Ala		Ald	ьeu	Ата	GIU		теп	PIO	Val	пр		GIII	ьeu	тте	
185	03	01	115	a	*	C1	70	120	T	70.71 -	0	D	125	7.7 -	T	70	
186	GIU	Glu												Ата	ьуѕ	Arg	•
187	-						135							-	_	-	
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189	145			-	~ 3	150		~	0.7	~ 7	155			-	-	160	
190	Pro	Ala	Val	Leu	_	Val	Ala	Asn	GIn		Thr	Arg	Ala	Leu		GLY	
191					165		_		_	170	_		_	_	175	_	
192	Val	Glu	Ala		GLu	Ile	Ser	Met		Phe	Leu	Thr	Asp	-	ТТЕ	ьуs	
193		_	_	180				_	185			_		190			
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RAW SEQUENCE LISTING DATE: 08/05/2003 PATENT APPLICATION: US/09/771,045B TIME: 10:46:23

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                                                    410
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/771,045B

DATE: 08/05/2003
TIME: 10:46:24

Input Set : N:\EBONY'S\US09771045B.raw.txt
Output Set: N:\CRF4\08052003\I771045B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 346
Seq#:39; N Pos. 649
Seq#:40; Xaa Pos. 216

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7
Seq#:3; Line(s) 55
Seq#:12; Line(s) 639
Seq#:13; Line(s) 649
Seq#:20; Line(s) 1136
Seq#:21; Line(s) 1253
Seq#:26; Line(s) 1904
Seq#:27; Line(s) 2123
Seq#:30; Line(s) 2704
Seq#:31; Line(s) 2965
Seq#:32; Line(s) 3142
Seq#:33; Line(s) 3269

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/771,045B

DATE: 08/05/2003 TIME: 10:46:24

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L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:76 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:0
L:241 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:0
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DATE: 08/05/2003

STATISTICS SUMMARY

PATENT APPLICATION: US/09/771,045B TIME: 10:46:24

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Output Set: N:\CRF4\08052003\I771045B.raw

Application Serial Number: US/09/771,045B

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 05-16-2003

Art Unit: OIPE

Software Application: PatentIN3.1

Total Number of Sequences: 54

Total Nucleotides: 42754 Total Amino Acids: 14748

Number of Errors: 0 Number of Warnings: 32 Number of Corrections: 1

MESSAGE SUMMARY

258 W: 29 (Mandatory Feature missing)

270 C: 1 (Current Application Number differs)

341 W: 3 ((46) "n" or "Xaa" used)